



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
HOUSTON BRANCH  
10625 FALLSTONE RD.  
HOUSTON, TEXAS 77099

MEMORANDUM

Date: March 6, 2006  
Subject: Contract Laboratory Program Data Review  
From: *Marvelyn Humphrey* ESAT Regional PO, 6MD-HE  
To: V. Malott ,6SF-AP

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2006 MAR -9 PM 3:54  
AR/OK/TX BRANCH

Site : JONES ROAD GROUND WATER PLUME  
Case#: 35059  
SDG# : F1YW9

The EPA Region 6 Houston Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP ) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative.

If you have any questions regarding the data review report, please call me at (281) 983-2140.



201408

LOCKHEED MARTIN SERVICES GROUP  
ESAT REGION 6  
10625 FALLSTONE ROAD  
HOUSTON, TEXAS 77099

MEMORANDUM

DATE: March 3, 2006  
TO: Marvelyn Humphrey, ESAT PO, Region 6  
FROM: Tom C.H. Chiang, ESAT Program Manager, Region 6  
SUBJECT: CLP Data Review  
REF: TDF # 6-05-520A ESAT # O-0930  
ESAT Contract No. 68-W-01-030

*Tom C.H. Chiang*

Attached is the data review summary for Case #35059  
SDG #FLYW9  
Site Jones Road Ground  
Water Plume

COMMENTS:

I. LEVEL OF DATA REVIEW

Modified full data review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

A. The CCS report was unavailable at the time of this report preparation. Hardcopy review detected the contractually noncompliant item below for which the laboratory received a waiver from the Region.

Both laboratory method blanks had chloromethane concentrations exceeding the contract-allowed limit (OLC03.2, D-46/VOA, 12.1.5.7). The chloromethane contamination was originated from the DMC spiking solution and was beyond the laboratory control. The chloromethane QL's were elevated for all samples because of the contamination.

B. Hardcopy review detected the contractually noncompliant item below that CCS is not expected to detect.

The data package arrived three working days late for the contractual seven-day turnaround requirement.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed was 200 for this data package. Some results were qualified for a minor technical problem.

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ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	<u>35059</u>	SITE	<u>Jones Road Ground Water Plume</u>
LABORATORY	<u>A4</u>	NO. OF SAMPLES	<u>4</u>
CONTRACT#	<u>68-W-01-038</u>	MATRIX	<u>Water</u>
SDG#	<u>F1YW9</u>	REVIEWER (IF NOT ESB)	<u>ESAT</u>
SOW#	<u>OLC03.2</u>	REVIEWER'S NAME	<u>T. Fan</u>
ACCT#	<u>6302DD2CJN07</u>	COMPLETION DATE	<u>March 3, 2006</u>
SF#	<u>302DD2CNK</u>		

SAMPLE NO.	<u>F1YW9</u>	_____	_____	_____	_____
	<u>F1ZR2</u>	_____	_____	_____	_____
	<u>F1ZS2</u>	_____	_____	_____	_____
	<u>F1ZW6</u>	_____	_____	_____	_____

DATA ASSESSMENT SUMMARY

VOA

1. HOLDING TIMES	<u>O</u>
2. GC/MS TUNE/INSTR. PERFORM.	<u>O</u>
3. CALIBRATIONS	<u>O</u>
4. BLANKS	<u>M</u>
5. DMC/SURROGATES	<u>O</u>
6. MATRIX SPIKE/DUPLICATE/LCS	<u>O</u>
7. OTHER QC	<u>O</u>
8. INTERNAL STANDARDS	<u>O</u>
9. COMPOUND ID/QUANTITATION	<u>O</u>
10. PERFORMANCE/COMPLETENESS	<u>O</u>
11. OVERALL ASSESSMENT	<u>M</u>

O = Data had no problems.  
 M = Data qualified due to major or minor problems.  
 Z = Data unacceptable.  
 NA = Not applicable.

**ACTION ITEMS:** The data package arrived three working days late.

**AREA OF CONCERN:** Laboratory contamination resulted in raised QL's for chloromethane in all samples.

**NOTABLE PERFORMANCE:**

COMMENTS/CLARIFICATIONS  
REGION 6 CLP QA REVIEW

CASE 35059 SDG F1YW9 SITE Jones Road Ground Water Plume LAB A4

The following is a summary of sample qualifiers used by Region 6 in reporting this CLP data:

<u>No.</u>	<u>Acceptable</u>	<u>Provisional</u>	<u>Unacceptable</u>
VOA		4	

**COMMENTS:** This SDG consisted of four water samples for VOA analysis by Low Concentration SOW OLC03.2. The OTR/COC Records designated sample F1ZR2 as a trip blank, sample F1ZS2 as a field blank, and sample F1YW9 for laboratory QC analyses. The Region 6 RSCC verified that samples F1YW9 and F1ZW6 were field duplicates. The data package contained the contractually non-compliant item below.

- The data package arrived three working days late for the seven-day turnaround requirement.

Modified full review was performed for this package as requested by the Region. The target compounds of concern with the user's desired detection limits in parentheses were vinyl chloride (2 µg/L), trans- and cis-1,2-dichloroethenes (7 µg/L), and tetrachloroethene (5 µg/L). The samples met the desired detection limit criteria. No target compound of concern was detected in the samples. The only compounds reported were laboratory contaminants chloromethane and methylene chloride.

Some results were qualified for all samples because of a laboratory contamination problem. The technical usability of all reported results is indicated by ESAT's final data qualifiers in the Data Summary Table (DST). An Evidence Audit was conducted for the Complete Sample Delivery Group File (CSF), and the audit results were reported on the Evidence Inventory Checklist.

**NOTE:** THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.  
Provisional = Some results were qualified because of problems associated with this QC parameter.  
Unusable = All results are unusable because of major problems associated with this QC parameter.

ORGANIC QA REVIEW  
CONTINUATION PAGE

CASE 35059 SDG F1YW9 SITE Jones Road Ground Water Plume LAB A4

1. **Holding Times:** Acceptable. All samples were analyzed within the contractual and technical holding time limits. The pH values indicated that the samples were preserved with acid.

**NOTE:** Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low biased results for these analytes.

2. **Tuning/Performance:** Acceptable. BFB analyses met GC/MS tuning criteria.

3. **Calibrations:** Acceptable. All target analytes met contractual calibration criteria. Several compounds failed technical %D and/or %RSD criteria but were not detected in the samples, so result qualification was not required.

4. **Blanks:** Provisional. Both method blanks had unacceptable levels of chloromethane that originated from the DMC spiking solution. The laboratory requested and received a waiver from the Region for this noncompliance. Methylene chloride and/or chloroform were detected in the method blank and the storage blank. The effects of the laboratory contamination are summarized below.

- The chloromethane results above the CRQL's for all samples were qualified as undetected ("U"), and the reported concentrations should be used as raised QL's ("M").
- The methylene chloride results below the CRQL for all samples should be considered undetected and were flagged "U" at the CRQL on the DST.

**Field/Trip Blanks:** Trip blank sample F1ZR2 and field blank sample F1ZS2 were associated with the field samples in this SDG. Results for these blanks showed there was no field or shipping contamination.

5. **Deuterated Monitoring Compounds (DMC's)/Surrogates:** Acceptable. The samples met contractual criteria for DMC recovery although the MSD sample had one DMC recovery exceeding the QC limit. The high DMC recovery did not impact the matrix spike compound results.

6. **Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS):** Acceptable. The MSD recovery for toluene was slightly below the QC limit. Since the MS recovery was acceptable, result qualification was unnecessary in the reviewer's opinion. All other MS/MSD results met QC criteria for precision and %recovery.

ORGANIC QA REVIEW  
CONTINUATION PAGE

CASE 35059 SDG F1YW9 SITE Jones Road Ground Water Plume LAB A4

7. Other QC:

**Field Duplicates:** Acceptable. The field duplicate results were consistent.

8. **Internal Standards (IS):** Acceptable. All analyses had acceptable IS performance.

9. **Compound Identity (ID)/Quantitation:** Acceptable. The only target compound detected at concentrations above the CRQL in the samples was laboratory contaminant chloromethane. No compound identification or quantitation problem was detected.

10. **Performance/Completeness:** Acceptable. This SDG was initially submitted under a wrong SDG number. The laboratory corrected the SDG number and resubmitted the entire data package. The resubmitted package was missing some CSF documents that were included in the initial submission. The reviewer retrieved, repaginated, and transferred these CSF documents from the initial package to the resubmitted package. The Form DC-2 was updated to include the additional documents. Only the resubmitted package is forwarded to the data user. The DST included in this report is the final version.

11. **Overall Assessment:** All samples are provisional because one result for each sample was qualified for a laboratory contamination problem.

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number  
SDG: SDG Number  
EPASAMP: EPA Sample Number  
LABID: Laboratory File/Sample ID  
MATRIX: Sample Matrix  
ANDATE: Sample Analysis Date  
ANTIME: Sample Analysis Time  
CASNUM: Compound CAS Number  
ANALYTE: Compound Name  
CONC: Compound Concentration  
VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)  
UNITS: Concentration Units  
ADJCRQL: Adjusted Contract Required Quantitation Limit Value  
SMPDATE: Sampling Date  
STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

## ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

- U Not detected at reported quantitation limit.
- N Identification is tentative.
- J Estimated value.
- L Reported concentration is below the CRQL.
- M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.
- R Unusable.
- ^ High biased. Actual concentration may be lower than the concentration reported.
- v Low biased. Actual concentration may be higher than the concentration reported.
- F+ A false positive exists.
- F- A false negative exists.
- B This result may be high biased because of laboratory/field contamination. The reported concentration is above 5X or 10X the concentration reported in the method/field blank.
- UJ Estimated quantitation limit.
- T Identification is questionable because of absence of other commonly coexisting pesticides.
- \* Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.
- W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	74873	Chloromethane	1.2	UM	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75014	Vinyl Chloride	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	74839	Bromomethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75003	Chloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	67641	Acetone	5.0	U	UG/L	5.0	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75150	Carbon Disulfide	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	79209	Methyl Acetate	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75092	Methylene Chloride	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	78933	2-Butanone	5.0	U	UG/L	5.0	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	74975	Bromochloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	67663	Chloroform	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	110827	Cyclohexane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	71432	Benzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	79016	Trichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	108872	Methylcyclohexane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75274	Bromodichloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	108883	Toluene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	127184	Tetrachloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	591786	2-Hexanone	5.0	U	UG/L	5.0	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	124481	Dibromochloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	108907	Chlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	100414	Ethylbenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	1330207	Xylenes (total)	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	100425	Styrene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	75252	Bromoform	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	98828	Isopropylbenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603

35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1YW9	C5192	W	02/16/2006	4:08	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	74873	Chloromethane	0.54	UM	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75014	Vinyl Chloride	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	74839	Bromomethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75003	Chloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	67641	Acetone	5.0	U	UG/L	5.0	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75150	Carbon Disulfide	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	79209	Methyl Acetate	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75092	Methylene Chloride	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	78933	2-Butanone	5.0	U	UG/L	5.0	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	74975	Bromochloromethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	67663	Chloroform	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	110827	Cyclohexane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	71432	Benzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	79016	Trichloroethene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	108872	Methylcyclohexane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75274	Bromodichloromethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	108883	Toluene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	127184	Tetrachloroethene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	591786	2-Hexanone	5.0	U	UG/L	5.0	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	124481	Dibromochloromethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	108907	Chlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	100414	Ethylbenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	1330207	Xylenes (total)	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	100425	Styrene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	75252	Bromoform	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	98828	Isopropylbenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8

35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZR2	C5195	W	02/16/2006	5:24	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	TRIP BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	74873	Chloromethane	0.56	UM	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75014	Vinyl Chloride	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	74839	Bromomethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75003	Chloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	67641	Acetone	5.0	U	UG/L	5.0	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75150	Carbon Disulfide	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	79209	Methyl Acetate	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75092	Methylene Chloride	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	78933	2-Butanone	5.0	U	UG/L	5.0	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	74975	Bromochloromethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	67663	Chloroform	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	110827	Cyclohexane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	71432	Benzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	79016	Trichloroethene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	108872	Methylcyclohexane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75274	Bromodichloromethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	108883	Toluene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	127184	Tetrachloroethene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	591786	2-Hexanone	5.0	U	UG/L	5.0	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	124481	Dibromochloromethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	108907	Chlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	100414	Ethylbenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	1330207	Xylenes (total)	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	100425	Styrene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	75252	Bromoform	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	98828	Isopropylbenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8

35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZS2	C5196	W	02/16/2006	5:49	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	FIELD BLANK 8
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75718	Dichlorodifluoromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	74873	Chloromethane	0.57	UM	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75014	Vinyl Chloride	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	74839	Bromomethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75003	Chloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75694	Trichlorofluoromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75354	1,1-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	76131	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	67641	Acetone	5.0	U	UG/L	5.0	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75150	Carbon Disulfide	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	79209	Methyl Acetate	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75092	Methylene Chloride	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	156605	trans-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	1634044	Methyl tert-Butyl Ether	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75343	1,1-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	156592	cis-1,2-Dichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	78933	2-Butanone	5.0	U	UG/L	5.0	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	74975	Bromochloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	67663	Chloroform	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	71556	1,1,1-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	110827	Cyclohexane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	56235	Carbon Tetrachloride	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	71432	Benzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	107062	1,2-Dichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	79016	Trichloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	108872	Methylcyclohexane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	78875	1,2-Dichloropropane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75274	Bromodichloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	10061015	cis-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	108101	4-Methyl-2-pentanone	5.0	U	UG/L	5.0	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	108883	Toluene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	10061026	trans-1,3-Dichloropropene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	79005	1,1,2-Trichloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	127184	Tetrachloroethene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	591786	2-Hexanone	5.0	U	UG/L	5.0	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	124481	Dibromochloromethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	106934	1,2-Dibromoethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	108907	Chlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	100414	Ethylbenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	1330207	Xylenes (total)	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	100425	Styrene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	75252	Bromoform	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	98828	Isopropylbenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197	W	02/16/2006	6:14	79345	1,1,2,2-Tetrachloroethane	0.50	U	UG/L	0.50	02/09/2006	AD11603A

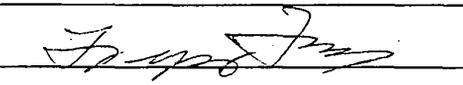
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	541731	1,3-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	106467	1,4-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	95501	1,2-Dichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	96128	1,2-Dibromo-3-chloropropane	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	120821	1,2,4-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A
35059	F1YW9	F1ZW6	C5197 W	02/16/2006 6:14	87616	1,2,3-Trichlorobenzene	0.50	U	UG/L	0.50	02/09/2006	AD11603A

# INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 35059 SDG No. F1YW9 SDG Nos. To Follow \_\_\_\_\_ SAS No. \_\_\_\_\_ Date Rec 2/22/2006

EPA Lab ID: <u>A4</u> Lab Location: <u>The Woodlands, TX</u> Region: <u>6</u> Audit No.: <u>35059/F1YW9</u> Resubmitted CSF? Yes _____ No <u>X</u> Box No(s): <u>1</u> COMMENTS:  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">3.</td> <td>The transfer and insertion of some additional CSF documents from the initial submission of the package (with the wrong SDG No.) to the final CSF package caused changes to the pagination of some data pages. The auditor revised the Form DC-2 accordingly.</td> </tr> </tbody> </table>	Item	Description	3.	The transfer and insertion of some additional CSF documents from the initial submission of the package (with the wrong SDG No.) to the final CSF package caused changes to the pagination of some data pages. The auditor revised the Form DC-2 accordingly.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">ORIGINALS</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">NO</th> <th style="text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>CUSTODY SEALS</b></td> </tr> <tr> <td>1. Present on package?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>2. Intact upon receipt?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>FORM DC-2</b></td> </tr> <tr> <td>3. Numbering scheme accurate?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>4. Are enclosed documents listed?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>5. Are listed documents enclosed?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>FORM DC-1</b></td> </tr> <tr> <td>6. Present?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>7. Complete?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>8. Accurate?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>CHAIN-OF-CUSTODY RECORD(s)</b></td> </tr> <tr> <td>9. Signed?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>10. Dated?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>TRAFFIC REPORT(s) PACKING LIST(s)</b></td> </tr> <tr> <td>11. Signed?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>12. Dated?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>AIRBILLS/AIRBILL STICKER</b></td> </tr> <tr> <td>13. Present?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>14. Signed?</td> <td></td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>15. Dated?</td> <td></td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td colspan="4"><b>SAMPLE TAGS</b></td> </tr> <tr> <td>16. Does DC-1 list tags as being included?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>17. Present?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td colspan="4"><b>OTHER DOCUMENTS</b></td> </tr> <tr> <td>18. Complete?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>19. Legible?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td>20. Original?</td> <td></td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>20a. If "NO", does the copy indicate where original documents are located?</td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> </tbody> </table>	ORIGINALS	YES	NO	N/A	<b>CUSTODY SEALS</b>				1. Present on package?	X			2. Intact upon receipt?	X			<b>FORM DC-2</b>				3. Numbering scheme accurate?	X			4. Are enclosed documents listed?	X			5. Are listed documents enclosed?	X			<b>FORM DC-1</b>				6. Present?	X			7. Complete?	X			8. Accurate?	X			<b>CHAIN-OF-CUSTODY RECORD(s)</b>				9. Signed?	X			10. Dated?	X			<b>TRAFFIC REPORT(s) PACKING LIST(s)</b>				11. Signed?	X			12. Dated?	X			<b>AIRBILLS/AIRBILL STICKER</b>				13. Present?	X			14. Signed?			X	15. Dated?			X	<b>SAMPLE TAGS</b>				16. Does DC-1 list tags as being included?	X			17. Present?	X			<b>OTHER DOCUMENTS</b>				18. Complete?	X			19. Legible?	X			20. Original?		X		20a. If "NO", does the copy indicate where original documents are located?	X		
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Over for additional comments.

Audited by:   
 Audited by: \_\_\_\_\_  
 Audited by: \_\_\_\_\_  
 \_\_\_\_\_  
 Signature

Tseng-Ying Fan/ESAT Data Reviewer  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Printed Name/Title

Date 3/1/2006  
 Date \_\_\_\_\_  
 Date \_\_\_\_\_

DC-2 \_\_\_\_\_

**EPA USEPA Contract Laboratory Program**  
**Organic Traffic Report & Chain of Custody Record**

Case No: 35059 **R**  
 DAS No:

Region: 6	Date Shipped: 2/9/2006	Chain of Custody Record	Sampler Signature: <i>W. B. O'...</i>
Project Code: 118528	Carrier Name: Fairway Delivery		
Account Code:	Airbill:	Relinquished By (Date / Time)	Received By (Date / Time)
CERCLIS ID:	Shipped to: A4 Scientific	<i>W. B. O'...</i> 2/9/06 (7:00)	
Spill ID:	1544 Sawdust Road	2	
Site Name/State: JONES RD GW PLUME FEDERAL SUPEF	Suite 505	3	
Project Leader: BILL HARDMANT	The Woodlands TX 77380	4	
Action:	(281) 292-5277		
Sampling Co: Shaw Environmental, Inc.			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F1YW9	Ground Water	/G	VOA-3.2 (7)	417311 (HCL), 417312 (HCL), 417313 (HCL), 417317 (HCL), 417318 (HCL), 417319 (HCL), 417320 (HCL), 417321 (HCL), 417322 (HCL) (9)	AD11603	S: 2/9/2006 8:20		
F1ZR2	Field QC	/G	VOA-3.2 (7)	423349 (HCL), 423350 (HCL), 423723 (HCL) (3)	TRIP BLANK 8	S: 2/9/2006 6:05		Trip Blank
F1ZS2	Field QC	/G	VOA-3.2 (7)	423769 (HCL), 423770 (HCL), 423771 (HCL) (3)	FIELD BLANK 8	S: 2/9/2006 8:00		Field Blank
F1ZW6	Ground Water	/G	VOA-3.2 (7)	417314 (HCL), 417315 (HCL), 417316 (HCL) (3)	AD11603A	S: 2/9/2006 8:20		Field Duplicate

Page 14 of 14

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: F1YW9	Additional Sampler Signature(s): <i>W. B. O'...</i>	Chain of Custody Seal Number:
Analysis Key: VOA-3.2 = CLP TCL VOCs by OLC03.2	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: **6-043013577-020906-0008**

PR provides preliminary results. Requests for preliminary results will increase analytical costs.  
 Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602